

REMARKS

In view of the foregoing, Applicants respectfully submit that the Amendment and Response filed on April 2, 2001 is now in compliance with 37 C.F.R. 1.121. A replacement paragraph in clean form and another version marked “**Version With Markings To Show Changes Made**” showing all the changes relative to the previous version of the paragraph(s) is attached. Reconsideration of the application and allowance of all pending claims is earnestly solicited. Should the Examiner wish to discuss any of the above in greater detail, then the Examiner is invited to telephone the undersigned at the Examiner’s convenience.

Dated this 7th day of May, 2001.

Respectfully submitted,

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As described above, with reference to Figures 3 and 4, the front 305 of the chassis 302 suitably includes the slots 303 for receiving the PCB modules 312. In the present exemplary embodiment, the front 305 of the chassis 302 preferably includes an upper horizontal beam 308 and a lower horizontal beam 336 configured with slots to receive a plurality of vertical beams 310. The upper and lower horizontal beams 308 and 336 are suitably configured with positioning pins 356 and 360 to initially position the vertical beams 310 within the slots formed in the upper and lower horizontal beams 308 and 336. The vertical beams 310 are then bolted through [bolt holes 35] bolt holes 354 and 358 formed in the vertical beams 310 and upper and lower horizontal beams 308 and 336. With particular reference to Figure 4, the upper horizontal beam 308 is suitably attached to the top panel 304 with bolts 410. Similarly, the lower horizontal beam 336 is suitably attached to the bottom panel 340. It should be recognized, however, that the slots 303 for receiving the PCB modules 312 can be formed using any convenient method. For example, rather than using the horizontal and vertical beams 308, 336 and 310, the front 305 can be formed as a single piece.

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15. (AMENDED) A method of inserting a circuit integration module into an avionics cabinet, the method comprising the steps of:

aligning said module to a guide on said avionics cabinet;

inserting said module into said avionics cabinet along said guides; and

securing said module in said avionics cabinet in order to provide an electrical interface between said module and said avionics cabinet [such that said module is retained in said cabinet].

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ABSTRACT OF THE DISCLOSURE

An electronics cabinet is described as being suitable for use in an aircraft. Various embodiments of the cabinet include a databus that facilitates data communications between circuit boards inserted into the cabinet. The cabinet also preferably includes access holes that allow inserted circuit boards to connect directly to an aircraft wiring harness.